



PATENT

In re application of:	Judy Lieberman, et al.	Confirmation No.:	9795
Application No.:	10/577,814	Group No.:	1635
Filed:	April 28, 2006	Examiner:	To be assigned
For:	METHODS FOR TREATING AND PREVENTING ISCHEMIA- REPERFUSION INJURY USING RNA INTERFERING AGENTS		

Office of PCT Legal Administration
(571) 272-3296

I declare that, on December 11, 2007, I deposited, with the United States Postal Service, in an envelope "Express Mail, Post Office to Addressee," bearing Label Number EB 647 673 479 US, addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450," and having an express mail certification that I executed, the following papers:

1. Express Mail Certification No. EB 647 673 479 US (1 pg.);
2. Transmittal Form (1 pg.);
3. Renewed Request Under 37 CFR 1.497(d), ITEM C (2 pp.);
4. Executed Consent of Assignee Under 37 CFR 3.73b (1 pg.);
5. COPY of the Change of Name of Assignee Papers as Filed (18 pp.); and
6. Return Receipt Postcard.

A copy of these papers from the file of this application is attached.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Hillary E. Allan
Name of person making this statement

William P. Allen
Signature of person making this statement



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	Application Number	10/577,814
	Filing Date	April 28, 2006
	First Named Inventor	Judy Lieberman
	Group Art Unit	1635
	Examiner Name	To be assigned
Attorney Docket Number		033393-055222-US

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input checked="" type="checkbox"/> A self-addressed prepaid postcard for acknowledging receipt <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Express Mail No. EB647673479US (1 pg.); Renewed Request Under 37 CFR 1.497(d) (2 pp.); Executed Consent of Assignee Under 3.73b (1 pg.); and COPY of the Change of Name of Assignee Papers as Filed (18 pp.).
Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-0850 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	David S. Resnick (Reg. No. 34,235) / Leena H. Karttunen (Reg. No. 60,335)
Signature	
Date	December 11, 2007

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

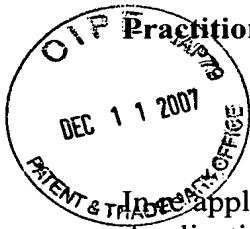
I hereby certify that this correspondence is being:

☒ deposited with the United States Postal Service on the date shown below as Express Mail Label No. EB 647 673 479 US in an envelope addressed to: MAIL STOP PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450; Attention: Office of PCT Legal Administration.

☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300

December 11, 2007
Date

Signature
Hillary E. Allan
Name



Practitioner's Docket No. 033393-055222-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Judy Lieberman et al.
Application No.: 10/577,814
Filed: April 28, 2006

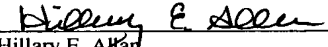
Confirmation No.: 9795
Group No.: 1635
Examiner: To be assigned
Customer No.: 50828

For: METHODS FOR TREATING AND PREVENTING ISCHEMIA-REPERFUSION
INJURY USING RNA INTERFERING AGENTS

CERTIFICATE OF MAILING UNDER (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence, on the date shown below, is being deposited with the United States Postal Service as Express Mail Label No. EB 647 673 479 US addressed to MAIL STOP PCT, Commissioner of Patents, Box 1450, Alexandria, VA 22313-1450, Attention: Office of PCT Legal Administration

Date: December 11, 2007


Hillary E. Allen

MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Office of PCT Legal Administration
(571) 272-3296

RENEWED REQUEST UNDER 37 CFR 1.497(d), ITEM C

Dear Sir,

In response to the Decision on Request under 37 CFR 1.497(d) dated October 11, 2007, the Applicants respectfully request reconsideration of request to correct inventorship under 37 CFR 1.497(d) for the above identified application, 10/577,814, which is a 371 National Stage Entry of PCT/US04/36200.

The Applicants submit an executed Consent of Assignee which now satisfies the requirements of item C of 37 CFR 1.497(d): 37 CFR 3.73(b)(1) and (2). As stated, Mr. Ryan Dietz, is authorized to act on the behalf of the assignee, The CBR Institute for Biochemical Research, Inc. The inventors assigned their rights in their entirety to CBR as recorded at Reel 020204, Frame 0604 on December 6, 2007. The name of the assignee was changed to Immune Disease Institute, Inc., on June 5, 2007. A change of name of assignee was filed with the USPTO on December 10, 2007 and a copy of the change of name of assignee as filed is attached herewith.

Practitioner's Docket No. 033393-055222-US
In re application of: Judy Lieberman et al.
Application No.: 10/577,814
Filed: April 28, 2006

Confirmation No.: 9795
Group No.: 1635
Examiner: To be assigned
Customer No.: 50828

For: METHODS FOR TREATING AND PREVENTING ISCHEMIA-REPERFUSION INJURY USING RNA
INTERFERING AGENTS



FEE DEFICIENCY

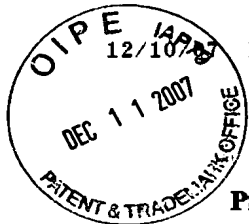
If any additional extension and/or fee is required, charge NIXON PEABODY LLP
Deposit Account No.: 50-0850.

If the Examiner has any questions with this communication, the Examiner is invited to
telephone the undersigned at (617) 345-1367.

Date: December 11, 2007

Respectfully submitted,

David S. Resnick (Reg. No. 34,235)
Leena H. Karttunen (L0207)
NIXON PEABODY LLP
100 Summer Street
Boston, MA 02131
Telephone: (617) 345-6057/1367
Facsimile: (617) 345-1300



MON 16:30 FAX 6172783395

CTR FOR BLOOD RESEARCH

002

Practitioner's Docket No. 033393-055222-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Judy Lieberman et al.
Application No.: 10/577,814
Filed: April 28, 2006

Confirmation No.: 9795
Group No.: To be assigned
Examiner: To be assigned
Customer No.: 50828

For: METHODS FOR TREATING AND PREVENTING ISCHEMIA-REPERFUSION INJURY
USING RNA INTERFERING AGENTS

Office of PCT Legal Administration
Facsimile 571-273-0459

CONSENT OF ASSIGNEE UNDER 37 C.F.R. § 3.73(b)(1) & (2)

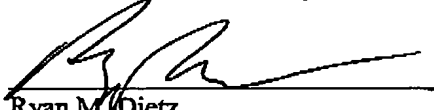
Dear Sir / Madam,

I hereby state that the above-identified patent application U.S. Serial number 10/577,814 was assigned from its inventors to its original owner, The CBR Institute for Biomedical Research Inc. with an assignment recorded on December 6, 2007 at Reel 020204, Frame 0604. The name of the assignee, The CBR Institute for Biomedical Research, Inc., was changed to Immune Disease Institute, Inc., on June 5, 2007. A request for a name change of the assignee was filed with the USPTO on December 10, 2007. A copy of the filing is attached herewith.

I hereby state that I am authorized to act on the behalf of Immune Disease Institute, Inc. and I hereby consent to the amendment of the above-mentioned application to add Erwei Song as a co-inventor.

Immune Disease Institute, Inc.

Date: 12/10/07


Ryan M. Dietz
Director, Office of Technology Development
617.278.3463 (voice)
617.278.3395 (fax)

Gignac, Nicole

From: EPAS Server [epas-server@uspto.gov]
Sent: Monday, December 10, 2007 11:58 AM
To: Gignac, Nicole
Subject: Assignment confirmation receipt ID: PAT426746

Attachments: EASPAT426746.html

COPY



EASPAT426746.
html (7 KB)

ELECTRONIC PATENT ASSIGNMENT SYSTEM (EPAS) CONFIRMATION RECEIPT

The USPTO has received a Patent Assignment submitted through the Electronic Patent Assignment System (EPAS). This is the only acknowledgement of receipt that will be transmitted for this EPAS submission. The submission may not be recalled.

After review by Assignment Services Division personnel a Notice of Recordation/Non-Recordation will be returned via fax. USPTO will attempt to fax to the number provided in the submission; fax failures will be delivered via US Postal Service to the Correspondence Address provided in the submission.

If a communication from the Assignment Services Division has not been received within 60 days of your confirmation receipt contact the Assignment Services Division Customer Service Desk at 571-272-3350 or send an e-mail to epas@uspto.gov.

If you have a technical question, comment or concern about your EPAS submission call 571-272-3350 during business hours or e-mail to epas@uspto.gov. Please have your EPAS receipt ID which is 'EASPAT426746' available when calling or writing for assistance.

A printable version of the Confirmation Receipt is attached to this e-mail.

Electronic Assignment Server at <http://epas.uspto.gov>

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

COPY

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
The CBR Institute for Biomedical Research, Inc.	06/05/2007
RECEIVING PARTY DATA	
Name:	Immune Disease Institute, Inc.
Street Address:	800 Huntington Avenue
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02115
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10577814
CORRESPONDENCE DATA	
Fax Number:	(617)345-1300
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(617) 345-6057
Email:	ngignac@nixonpeabody.com
Correspondent Name:	David S. Resnick
Address Line 1:	NIXON PEABODY LLP
Address Line 2:	100 Summer Street
Address Line 4:	Boston, MASSACHUSETTS 02110-2131

ATTORNEY DOCKET NUMBER:	033393-055222-US
NAME OF SUBMITTER:	Nicole M. Aguirre
Signature:	/Nicole M. Aguirre/
Date:	12/10/2007
Total Attachments: 21 source=20071210_Change_Of_Name_of_Assignee_033393_055222_US#page1.tif source=20071210_Change_Of_Name_of_Assignee_033393_055222_US#page2.tif source=20071210_True_Copy_Proof_Secretary_of_State_Name_Change_033393_055222_US#page1.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page1.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page2.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page3.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page4.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page5.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page6.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page7.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page8.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page9.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page10.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page11.tif source=20071210_Recorded_Assign_Reel_020204_Frame_0604_033393_055222_US#page12.tif source=20071210_Recorded_Assign_Reel_018722_Frame_0012_033393_055222_US#page1.tif source=20071210_Recorded_Assign_Reel_018722_Frame_0012_033393_055222_US#page2.tif source=20071210_Recorded_Assign_Reel_018722_Frame_0012_033393_055222_US#page3.tif source=20071210_Recorded_Assign_Reel_018722_Frame_0012_033393_055222_US#page4.tif source=20071210_Recorded_Assign_Reel_018722_Frame_0012_033393_055222_US#page5.tif source=20071210_Recorded_Assign_Reel_018722_Frame_0012_033393_055222_US#page6.tif	
RECEIPT INFORMATION EPAS ID: PAT426746 Receipt Date: 12/10/2007 Fee Amount: \$40	

COPY

Practitioner's Docket No. 033393-055222-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Judy Lieberman et al.**

Confirmation No.: **9795**

Application No.: **10/577,814**

Group No.: **1635**

Filed: **April 28, 2006**

Examiner: **To be assigned**

Title: **METHODS FOR TREATING AND PREVENTING ISCHEMIA-
REPERFUSION INJURY USING RNA INTERFERING AGENTS**

Customer No.: **50828**

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CHANGE OF NAME OF ASSIGNEE

1. Particulars of assignment

An assignment has been recorded in the Patent and Trademark Office for this invention on 12/06/2007.

Reel: 020204

Frame: 0604

☒ A copy of the recorded Assignment is attached.

2. Old name of assignee:

The old name of the assignee shown on the above assignment is:

The CBR Institute for Biomedical Research, Inc.
800 Huntington Avenue
Boston, MA 02115

3. New name of assignee:

The new name and address of the assignee is:

Immune Disease Institute, Inc.
800 Huntington Avenue
Boston, MA 02115

4. Proof of change of name

Proof of change of name is established by the attached:

Certificate of the Secretary of the Commonwealth of Massachusetts, showing the name change.

Application No.: 10/577,814
Filed: April 28, 2006

Change of Name of Assignee
Page 2 of 2

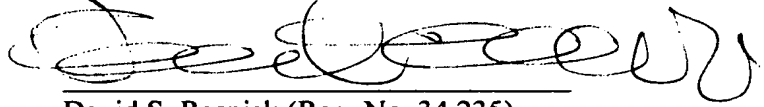
5. Payment of fee

Please charge the NIXON PEABODY LLP Deposit Account No. 50-0850 for the requisite fee.

Date: 12/10/2007

Customer No.: 50828

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'David S. Resnick', written over a horizontal line.

David S. Resnick (Reg. No. 34,235)

Leena H. Leena Karttunen (Reg. No. 60,335)

NIXON PEABODY LLP

100 Summer Street

Boston, MA 02110-2131

(617) 345-6057

COPY



William Francis Galvin
Secretary of the
Commonwealth

The Commonwealth of Massachusetts

Secretary of the Commonwealth

State House, Boston, Massachusetts 02133

June 8, 2007

TO WHOM IT MAY CONCERN:

I hereby certify that according to the records in this office, **PROTEIN FOUNDATION, INCORPORATED** was incorporated under the General Laws of this Commonwealth on January 19, 1953 (Chapter 180).

I further certify that in Articles of Amendment filed here May 19, 1967, the name of said corporation was changed to **BLOOD RESEARCH INSTITUTE, INC.**

I also certify that in Articles of Amendment filed here August 2, 1972, the name of said corporation was changed to **CENTER FOR BLOOD RESEARCH, INC.**

I further certify that in Articles of Amendment filed here August 12, 2003, the name of said corporation was changed to **THE CBR INSTITUTE FOR BIOMEDICAL RESEARCH, INC.**

I further certify that in Articles of Amendment filed here June 5, 2007, the name of said corporation was changed to **IMMUNE DISEASE INSTITUTE, INC.**

I further certify that so far as appears of record here, said corporation still has legal existence.



In testimony of which,

I have hereunto affixed the

Great Seal of the Commonwealth

on the date first above written.

William Francis Galvin

Secretary of the Commonwealth

TO: DAVID RESNICK COMPANY: 100 SUMMER STREET



COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

500413683A

DECEMBER 06, 2007

PTAS

DAVID RESNICK
100 SUMMER STREET
NIXON PEABODY LLP
BOSTON, MA 02110-2131UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/06/2007

REEL/FRAME: 020204/0604
NUMBER OF PAGES: 4

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE SERIAL NUMBER FROM 10/557,814 TO 10/577,814 PREVIOUSLY RECORDED ON REEL 018722 FRAME 0012. ASSIGNOR(S) HEREBY CONFIRMS THE CORRECTIVE ASSIGNMENT UNDER REEL/FRAME 018722/0012 TO CORRECT THE SERIAL NO. FROM 10/557,814 TO 10/577,814.
DOCKET NUMBER: 033393-055222-US

ASSIGNOR:
LIEBERMAN, JUDY

DOC DATE: 12/06/2006

ASSIGNOR:
HAMAR, PETER

DOC DATE: 12/20/2006

ASSIGNOR:
SONG, ERWEI

DOC DATE: 01/08/2007

ASSIGNEE:
THE CBR INSTITUTE FOR BIOMEDICAL
RESEARCH, INC.
800 HUNTINGTON AVENUE
BOSTON, MASSACHUSETTS 02115

TO: DAVID RESNICK COMPANY: 100 SUMMER STREET

020204/0604 PAGE 2

SERIAL NUMBER: 10577814

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: METHODS FOR TREATING AND PREVENTING ISCHEMIA-REPERFUSION INJURY
USING RNA INTERFERING AGENTS

MARCUS KIRK, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

TO: DAVID RESNICK COMPANY: 100 SUMMER STREET

Total Attachments: 4

source=033383-055222 Corrective Assignment#page1.tif

source=033383-055222 Corrective Assignment#page2.tif

source=033393-055222 Corrective Assignment#page3.tif

source=033383-055222 Corrective Assignment#page4.tif

TO: DAVID RESNICK COMPANY: 100 SUMMER STREET

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.112/06/2007
500413693

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Serial Number from 10/557,814 to 10/577,814 previously recorded on Reel 018722 Frame 0012. Assignor(s) hereby confirms the Corrective assignment under Reel/Frame 018722/0012 to correct the Serial No. from 10/557,814 to 10/577,814.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Judy Lieberman</td><td>12/08/2006</td></tr><tr><td>Peter Hamar</td><td>12/20/2006</td></tr><tr><td>Erwei Song</td><td>01/08/2007</td></tr></tbody></table>		Name	Execution Date	Judy Lieberman	12/08/2006	Peter Hamar	12/20/2006	Erwei Song	01/08/2007		
Name	Execution Date										
Judy Lieberman	12/08/2006										
Peter Hamar	12/20/2006										
Erwei Song	01/08/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>The CBR Institute for Biomedical Research, Inc.</td></tr><tr><td>Street Address:</td><td>800 Huntington Avenue</td></tr><tr><td>City:</td><td>Boston</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02115</td></tr></table>		Name:	The CBR Institute for Biomedical Research, Inc.	Street Address:	800 Huntington Avenue	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02115
Name:	The CBR Institute for Biomedical Research, Inc.										
Street Address:	800 Huntington Avenue										
City:	Boston										
State/Country:	MASSACHUSETTS										
Postal Code:	02115										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10577814</td></tr></tbody></table>		Property Type	Number	Application Number:	10577814						
Property Type	Number										
Application Number:	10577814										
CORRESPONDENCE DATA											
Fax Number: (617)345-1300 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 617-345-6057											
Email: hallan@nixonpeabody.com											
Correspondent Name: David Resnick											
Address Line 1: 100 Summer Street											
Address Line 2: Nixon Peabody LLP											
Address Line 4: Boston, MASSACHUSETTS 02110-2131											
ATTORNEY DOCKET NUMBER:	033383-055222-US										
NAME OF SUBMITTER:	Hillary Allan										

CH \$40.00 10577814

ASSIGNMENT

WHEREAS, WE, Judy Lieberman, a United States citizen residing at 63 Buckminster Road, Brookline, Massachusetts 02445, Péter Hamar, a Hungarian citizen residing at Szalmás Piroska u 2/b, H-1068 Budapest, Hungary, and Erwei Song, a citizen of Peoples Republic of China, residing at 107 Yanjiang West Rd, Guangzhou, Guang Dong, China, have invented certain new and useful improvements in METHODS FOR TREATING AND PREVENTING ISCHEMIA-REPERFUSION INJURY USING RNA INTERFERING AGENTS which can be found in U.S. Patent Application Serial No. 10/557,814, filed April 28, 2006; and claims priority of International Application No. PCT/US2004/036200, filed November 1, 2004; *TMM 12/6/07*

AND WHEREAS, The CBR Institute for Biomedical Research, Inc., a Massachusetts corporation, with its principal place of business at 800 Huntington Avenue, Boston, MA 02115, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said The CBR Institute for Biomedical Research, Inc., its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue Patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said The Center for Blood Research, Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said The CBR Institute for Biomedical Research, Inc., its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said The CBR Institute for Biomedical Research, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

The undersigned hereby grant the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I, Judy Lieberman, hereunto set my hand and seal this 6 day of December, 2006

Judy Lieberman
Judy Lieberman

IN TESTIMONY WHEREOF, I, Péter Hamar, hereunto set my hand and seal this 7 day of December, 2006.

Péter Hamar
Péter Hamar

IN TESTIMONY WHEREOF, I, Erwei Song hereunto set my hand and seal this 22 day of December, 2006. E.S. Jan 8, 2007

Erwei Song
Erwei Song



COPY

UNITED STATES PATENT AND TRADEMARK OFFICEUNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 08, 2007

PTAS

500203749A***500203749A***DAVID S. RESNICK
100 SUMMER STREET
NIXON PEABODY LLP
BOSTON, MA 02110-2131UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/08/2007

REEL/FRAME: 018722/0012
NUMBER OF PAGES: 5BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 033393-055222-US

ASSIGNOR:

LIEBERMAN, JUDY

DOC DATE: 12/06/2006

ASSIGNOR:

HAMAR, PETER

DOC DATE: 12/20/2006

ASSIGNOR:

SONG, ERWEI

DOC DATE: 01/08/2007

ASSIGNEE:

THE CBR INSTITUTE FOR BIOMEDICAL
RESEARCH, INC.
800 HUNTINGTON AVENUE
BOSTON, MASSACHUSETTS 02115

018722/0012 PAGE 2

SERIAL NUMBER: 10557814

PATENT NUMBER:

TITLE: CEPHEM COMPOUND

FILING DATE:

ISSUE DATE:

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

01/08/2007
500203749

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Judy Lieberman</td><td>12/06/2006</td></tr><tr><td>Peter Hamar</td><td>12/20/2006</td></tr><tr><td>Erwei Song</td><td>01/08/2007</td></tr></tbody></table>		Name	Execution Date	Judy Lieberman	12/06/2006	Peter Hamar	12/20/2006	Erwei Song	01/08/2007
Name	Execution Date								
Judy Lieberman	12/06/2006								
Peter Hamar	12/20/2006								
Erwei Song	01/08/2007								
RECEIVING PARTY DATA									
Name:	The CBR Institute for Biomedical Research, Inc.								
Street Address:	800 Huntington Avenue								
City:	Boston								
State/Country:	MASSACHUSETTS								
Postal Code:	02115								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10557814</td></tr></tbody></table>		Property Type	Number	Application Number:	10557814				
Property Type	Number								
Application Number:	10557814								
CORRESPONDENCE DATA									
Fax Number:	(617)345-1300								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	617-345-6057								
Email:	hallan@nixonpeabody.com								
Correspondent Name:	David S. Resnick								
Address Line 1:	100 Summer Street								
Address Line 2:	Nixon Peabody LLP								
Address Line 4:	Boston, MASSACHUSETTS 02110-2131								
ATTORNEY DOCKET NUMBER:	033393-055222-US								
NAME OF SUBMITTER:	Hillary Allan								
Total Attachments: 3 source=033393-055222-US Assignment#page1.tif									

CH \$40.00 10557814

source=033393-055222-US Assignment#page2.tif

source=033393-055222-US Assignment#page3.tif

ASSIGNMENT

WHEREAS, WE, Judy Lieberman, a United States citizen residing at 63 Buckminster Road, Brookline, Massachusetts 02445, Péter Hamar, a Hungarian citizen residing at Szalmás Piroška u 2/b, H-1068 Budapest, Hungary, and Erwei Song, a citizen of Peoples Republic of China, residing at 107 Yanjiang West Rd, Guangzhou, Guang Dong, China, have invented certain new and useful improvements in METHODS FOR TREATING AND PREVENTING ISCHEMIA-REPERFUSION INJURY USING RNA INTERFERING AGENTS which can be found in U.S. Patent Application Serial No. 10/557,814, filed April 28, 2006; and claims priority of International Application No. PCT/US2004/036200, filed November 1, 2004;


AND WHEREAS, The CBR Institute for Biomedical Research, Inc., a Massachusetts corporation, with its principal place of business at 800 Huntington Avenue, Boston, MA 02115, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said The CBR Institute for Biomedical Research, Inc., its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue Patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said The Center for Blood Research, Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

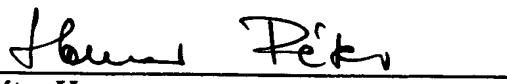
AND WE HEREBY covenant and agree that we will communicate to the said The CBR Institute for Biomedical Research, Inc., its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said The CBR Institute for Biomedical Research, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

The undersigned hereby grant the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

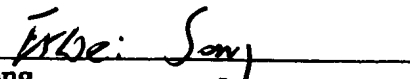
IN TESTIMONY WHEREOF, I, Judy Lieberman, hereunto set my hand and seal this 6
day of December, 2006


Judy Lieberman

IN TESTIMONY WHEREOF, I, Péter Hamar, hereunto set my hand and seal this 20
day of December, 2006.


Péter Hamar

IN TESTIMONY WHEREOF, I, Erwei Song hereunto set my hand and seal this ____ day
of December, 2006.


Erwei Song

CALL 1-800-222-1811 FOR PICKUP OR TRACKING OF ALL YOUR PACKAGE



UNITED STATES POSTAL SERVICE®

www.usps.com

EXPRESS MAIL
POSTAGE &
DOMESTIC

HOW TO USE:



EB 647673479 US



EXPRESS

MAIL

Mailing Label

Label 11-6, March 2004

Post Office To Addressee

UNITED STATES POSTAL SERVICE®

ORIGIN (POSTAL SERVICE USE ONLY)		DELIVERY (POSTAL USE ONLY)	
PO ZIP Code	Day of Delivery	Delivery Attempt	Time
02205	Next <input checked="" type="checkbox"/> 2nd <input type="checkbox"/> 3rd Del Day	Mo. Day	<input type="checkbox"/> AM <input type="checkbox"/> PM
Date Accepted	Scheduled Date of Delivery	Delivery Attempt	Time
12-11-07	12-13-07	Mo. Day	<input type="checkbox"/> AM <input type="checkbox"/> PM
Time Accepted	Scheduled Time of Delivery	Delivery Date	Time
11:33 AM	12:00 Noon <input checked="" type="checkbox"/> 3 PM <input type="checkbox"/> Military	Mo. Day	<input type="checkbox"/> AM <input type="checkbox"/> PM
Flat Rate <input checked="" type="checkbox"/> or Weight	Int'l Alpha Country Code		
lbs. 0225			
Postage	Insurance Fee		
\$ 16.25	\$		
Return Receipt Fee	Total Postage & Fees		
\$	\$ 16.25		
	Accepted by E.F. Initials		
	PP		

FROM: (PLEASE PRINT) PHONE (617) 345-6057 / 1367

Nixon Peabody LLP
100 Summer Street
Boston, MA 02110-2131
David S. Resnick
Leena H. Karttunen

FOR PICKUP OR TRACKING

Visit www.usps.com
Call 1-800-222-1811



CUSTOMER USE ONLY	
PAYMENT BY ACCOUNT	EXPRESS MAIL CORPORATE ACCT. NO.
022021	
Federal Agency Acct. No. or Postal Service Acct. No.	
I wish delivery to be made without obtaining signature of addressee. I hereby authorize that delivery employee (that employee must be at least 18 years of age and have a valid proof of delivery.)	
WAIVER OF SIGNATURE (Domestic Mail Only) Additional merchandise insurance is void if customer requests waiver of signature.	
Employee Signature	

CUSTOMER USE ONLY	
NO DELIVERY	NO DELIVERY
Weekend	Holiday
Mailing Signature	

TO: (PLEASE PRINT) PHONE ()

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: Office of PCT Legal Admin.

ZIP + 4 (U.S. ADDRESSES ONLY. DO NOT USE FOR FOREIGN POSTAL CODES.)

2	2	3	1	3	+	1	4	5	0
---	---	---	---	---	---	---	---	---	---

FOR INTERNATIONAL DESTINATIONS, WRITE COUNTRY NAME BELOW.

PRESS HARD. YOU ARE MAKING 3 COPIES.